

Abstract of the Disclosure

A capacitor type of microphone is capable of securely suppressing generation of noise outputs due to RF signals received from outside the microphone. The microphone includes 5 a movable electrode vibrating in response to a sound vibration and a fixed electrode arranged face to face to the movable electrode, thus forming a capacitor for detecting sound. The microphone further includes first amplification means for buffer-amplifying a terminal voltage across the capacitor and 10 second amplification means cascaded between an output terminal of the first amplification means and a microphone output terminal. Each of the first and second amplification means includes an FET (field effect transistor), for example. An impedance-converting function provided by the second 15 amplification means enables noise outputs due to RF signals radiated or transmitted from the transmitter of a radio apparatus to be reduced in a wide range of carrier frequencies.

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